

PA-061 Root Wad in Trench Installation Details Plan View and Profiles
Standard Drawings Folder

STEP #1		STEP #2		STEP #3		STEP #4	
PLAN	PROFILE	PLAN	PROFILE	PLAN	PROFILE	PLAN	PROFILE
<p>CENTER LINE ROOT WAD</p>	<p>Normal Water Level Existing Ground</p>	<p>PLAN EXCAVATE TRENCH, PLACE $\frac{1}{4}$" X $\frac{1}{4}$" LOG WITH ROOT WAD ON FOOTER</p>	<p>PROFILE START TRENCH AT WATER LEVEL AT LEAST $\frac{1}{3}$ OF THE ROOT WAD SHOULD BE BELOW WATER LEVEL</p>	<p>PLAN EXCAVATE SECOND TRENCH, PLACE $\frac{1}{4}$" X $\frac{1}{4}$" LOG ON TOP</p>	<p>PROFILE CABLE LOGS TOGETHER, IF USING #14, CONTINUE CABLE AROUND FOOTER LOG, TWIST CABLE BETWEEN LOGS</p>	<p>PLAN PLACE $\frac{1}{4}$" X $\frac{1}{4}$" FOOTER LOG ALONG SHORELINE ADD BALLAST ROCK $\frac{1}{4}$" MIN. AS DIRECTED BY THE ENGINEER</p>	<p>PROFILE Normal Water Level Existing Ground</p>
<p>PLAN ADD BUTTRESS ROCK $\frac{1}{4}$" MIN. AS DIRECTED BY THE ENGINEER</p>	<p>PROFILE CABLE TO TOP OF BANK AT SLOPE (MAX.) SHOWN PROTECT CABLE FROM DAMAGE BY DROPPED ROCKS</p>	<p>PLAN Live stakes $\frac{1}{4}$" DIA. 7-STRAND CABLE, ASTM-A416, CLAMP ENDS</p>	<p>PROFILE CABLE REQUIRED: $\frac{1}{4}$" X $\frac{1}{4}$"</p>	<p>PLAN Live stakes $\frac{1}{4}$" DIA. 7-STRAND CABLE, ASTM-A416, CLAMP ENDS</p>	<p>PROFILE Stake end cover with ringed live stake key-in, ends or anchor with small rocks See live stake detail</p>		

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

Root Wad in Trench
Installation Details
Plan View & Profiles

Designed by A. YODER
Drawn by A. YODER
Checked by S. HILLIGAS
Approved by _____

Date
2/02
2/02
2/02